

MODIS sensor Working Group (MsWG) Meeting Summary

July 27, 2011

Attendance: Junqiang Sun, Aisheng Wu, Amit Angal, Hongda Chen, Chris Moeller, Gary Toller, Eric Vermote, Richard Hansell, William Barnes, James Kuyper, Gene Eplee

Item 1: Recent L1B LUT delivery

- Aqua C5 forward update – 5.0.39.17 (07/20/11) – m1 & RVS
- Aqua C6 OBPG special delivery – 6.1.7.3_OC8 (07/21/11)
- Terra C5 forward update – 5.0.46.23 (07/25/11) – m1 & RVS

Item 2: Instrument status

- Terra and Aqua MODIS are in nominal operations
- Terra non-recoverable data loss due to contact errors: 2011/202 13:24:02-13:24:24 (07/21/11)

Item 3: MCST recent activities

- MCST will deliver an updated C6 LUTs to SDST today (7/27/2011) for science testing. In comparison to the last Terra C6 TEB LUT update, the a0 has been set to be equally to 0 for the MWIR bands. No update for both Aqua and Terra RSB and no update for Aqua TEB.

Item 4: Around the Table

- Chris would like to discuss the algorithms used to calculate TEB uncertainties with MCST members. Since MCST will have a presentation for MODIS uncertainty SPIE, San Diego he and MCST members will discuss this issue in detail at the meeting. Also, in progress is the comparison of the new MCST delivered C6 TEB LUT (a0 = 0) with IASI measurements from 2009.
- Rick: Still testing the MCST delivered Approach I and II LUT. Expected to share some preliminary results mid-August.
- MCST will have an offline meeting with Eric to follow-up on the Bands 1 and 2 long-term trending.

Next Meeting: ~August 10, 2011